INDUSTRIAL COMPONENT DATA

SACC-CI-M12FSX-8CON-L90 1424180 PHOENIX CONTACT Flush-type connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SACC-CI-M12FSX-8CON-L90



Manufacturer	PHOENIX CONTACT
MPN / Reference	SACC-CI-M12FSX-8CON-L90
Catalog number	1424180
Category	Contact insert for circular connectors
Minimum order	20 Pcs
Document ID	EO-A6BC9763FA
Generated	2026-11-18

Product Overview

Flush-type connector
Plug-in Mounting Connector, CAT6A Ethernet (10 GBit/s), 8-Pole, Female Connection, Straight, M12, Encoding: X , Rear Mounting, Wave Soldering Contacts, RoHS II Alternative Product Without Exception 6c (Pb< 0.1%) Item Code: 1237389

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Field Device Connectors (FDC)

Additional Product Information

Key Commercial Data
Orderkey 1424180
Packing unit 20 pc
Minimum order quantity 20 pc
Catalog page Page 91 (C-2-2013)
GTIN 4046356692663
Weight per Piece (excluding packing) 6.160 g
Custom tariff number 85366990
Country of origin DE (Germany)
Ambient conditions
Ambient temperature (operation) -40 °C ... 105 °C (Plug / socket)
Degree of protection IP67 (When plugged in)
General

Note The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C 0.5 A (Data)
Rated voltage 50 V AC (Data)
60 V DC
Rated surge voltage 0.8 kV
Number of positions 8
Insulation resistance > 100 M?
Coding X - data
Standards/regulations M12 connector IEC 61076-2-109
Signal type/category Ethernet CAT6A, 10 Gbps
Overvoltage category III
Degree of pollution 3
Connection method Wave soldering contacts
Insertion/withdrawal cycles >= 100
Mounting type Rear mounting
Type of packaging Tray
Material
Flammability rating according to UL 94 V0
Contact material CuZn
Contact surface material Ni/Au
Contact carrier material PPA
Cable
Standards/specifications M12 connector IEC 61076-2-109
Transmission characteristics (category) CAT6A
Standards and Regulations
Standard designation M12 connector
Standards/regulations IEC 61076-2-10...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SACC-CI-M12FSX-8CON-L90 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.